

AMENDMENTS TO THE SPECIFICATION

Please correct the following informalities:

**On Page 2, first sentence (continuation of paragraph [0004]):**

[0004] Typically the split barrel is attached to a drill rod with an adapter coupling that has internal threads on one end for mating with the drill rod and internal threads on the opposite end for mating with the split barrel.

### AMENDMENTS TO THE SPECIFICATION

**On Page 3, the first two paragraph numbers should be renumbered:**

**[0010]** Another feature of an embodiment of the soil sampling system is that the isolator box includes a lip, and the isolator pin includes a shoulder. A gap is defined between the lip of the isolator box and the shoulder of the isolator pin. The gap is wider than the total amplitude of a vibration stroke of said drill rod. The gap being the widest when the rod adapter is in contact with the isolator pin on a downward stroke of the drill rod.

**[0010A]** An additional feature of one embodiment of the invention is that the isolator pin of the soil sampling system is connected to the barrel adapter with a threaded connection. The threaded connection is compressed with bolts. The bolts extend through threaded bores in the isolator pin and are turned against an end of the adapter barrel.

AMENDMENTS TO THE SPECIFICATION

**On Page 4, please replace Paragraph [0021]**

**[0021]**        The present invention may be utilized with a conventional drill rig such as is illustrated in commonly owned U.S. Patent No. 5,360,072, incorporated in its entirety herein by reference. In addition, the present invention is particularly suited for use with drills of a vibratory nature such as is disclosed, for example, in U.S. Patent Nos. 5,027,908 and 5,409,070 to *Roussy* and in commonly owned ~~pending U.S. Patent Application Serial No. 10/083,206~~ 6,739,410, all of which are incorporated in their entirety herein by reference.